

Anchorage Amateur Radio Club

GENERAL MEETING ON February 2nd

IN THIS ISSUE:

Volunteers needed for Klondike 300 Sled Dog Race
Iridium Satellite LLC resurrects the Iridium system
QCWA Chapter 92 Annual Dinner

And Much Much More
Iditarod
three

Officers

President John Orella, KL7LL
Vice President Randy Vallee, AL7PJ
Secretary Keith Clark, WL7CSR
Treasurer Richard Block, KL0VP
Trustee
Activities Chairman TJ Sheffield, KL7TS
News Letter Editor Edythe Lynn KL7EL
Membership Chairman Fred Erickson KL7VC
Past President John Lynn, KL7CY

Three Year Board Members

Bruce McCormick WL7YR
Mike Borer, WL7CKB
David Stevens KL7EB

One Year Board Members

Hannelore Kelliher, NL7EA
William Theuer, KL0QK
Jim Tvrdy, KL7CDG
Bill Reiter, KL7ITI
Peter Bailey, WL7BW
Marium Clarke, WL7CFA

Nets in Alaska:

The following nets are active in South-central Alaska:
Alaska Sniper's Net 3.920 MHz 6:00 PM daily
Alaska Bush Net 7.093 MHz 8:00 PM daily
Alaska Motley Net 3.933 MHz 9:00 PM daily
Alaska Pacific Net 14.292 MHz 8:00 AM M-F
QCWA net 146.97/.37 repeater Sundays 8:00 PM local
850 No Name Net 146.85/.25 repeater Sundays 8:00 PM
Son of Sideband Net 144.20 USB Mondays 9:00 PM local
Big City Simplex Net 146.520 FM Tuesdays 8:00 PM local
ARES net 147.30/.90 repeater Thursdays at 8:00 PM local
PARKA net 147.30/.90 repeater Thursdays at 9:00 PM local

Anchorage & Mat Valley Area Repeaters

KL7AA systems at Flattop Mt., 2,200 ft
146.94/34 MHz, 80 watts, autopatch, 100/141.3 Hz PL
223.34/224.94, 25 watts, no patch, no PL
444.70/449.70, 25 watts, autopatch, 100/141.3 PL
KL7CC, Anchorage Hillside, SCRC & QCWA
146.97/.37 MHz, 30 watts, autopatch, 103.5 Hz PL
KL7M Anchorage Hillside
147.21/.81 MHz, Iphone, no PL
KL7ION at Mt. Gordon Lyon 3,940 ft
147.30/90, MHz - 80 watts, no patch, no PL
KL7AIR Elmendorf, EARS
146.67/.07, 107.2 Hz PL
KL7DJE at Grubstake Peak, 4,500 ft.
147.09/.69 MHz, 25 watts, no patch, 100 Hz PL
444.925/449.925, 10 watts, no patch, 141.3 Hz PL
KL7JFU, KGB road, MARA club
146.85/.25, autopatch, no PL
KL7DOB, Wasilla near armory
146.64/.04, simplex patch, no PL
KL7AA, Mt. Alyeska, 2,400 ft.
146.76/16 MHz, 25 watts, no patch, 141.3 Hz PL

AARC web page & Email contact addresses

Homepage: <http://home.gci.net/~lawson/>
Email Reflector: KL7AA@QTH.NET
Webmaster: lawson@gci.net
President: felix@gci.net
Membership: frederickson@iname.com
Newsletter: kl7el@arrl.net

News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting
Email: KL7EL@arrl.net Facsimile: 907-338-4791
Mail: 7013 Trafford Ave. Anchorage 99504

KL7G CODE PRACTICE SCHEDULE

Schedule: 7:00am, 10:00am, 4:00pm, 7:00pm, 10:00pm
AK time, every day Frequencies: 3575 kHz, 7075 kHz &
145.35 MHz: Sending Speed: 7 wpm

South Central Area Simplex Frequencies

146.52 Mhz Calling and Emergency frequency
147.57 / 447.57 (crossband linked) HF spotters & chat
146.49 Mhz Anchorage area simplex chat
146.43 MHz Mat Valley simplex chat
147.42MHz Peninsula simplex chat


~~~ **HOT LINKS** ~~~

Internet Web links, the favorites from our readers

AARC <http://home.gci.net/~lawson/>

SCRC <http://www.home.gci.net/~vallee/scrc.htm>

EARS <http://www.qsl.net/kl7air>

MARA <http://www.obarr.net/mara/>

Moose Horn ARC <http://www.alaksa.net/~kl7fg>

ARES <http://www.qsl.net/alaskaares>

KL7J <http://www.alaska.net/~buchholz>

Fairbanks AARC:

<http://ffdlm1mac.uafsof.alaska.edu/aarc/aarc.html>

Yukon Amateur Radio Association:

<http://www.klondike.com/yara/index.html>

HAARP Project:

<http://server5550.itd.nrl.navy.mil/projects/haarp/>

<<Amateur Radio Reference Library>>

<http://www.area-ham.org/library/libindex.html>

Hamradio: <http://www.hamrad.com/>

Solar Terrestrial Activity <http://209.130.27.95/solar/>

ARRL <http://www.arrl.org/>

Propagation Report Recording 566-1819

*Please let us know if there are other clubs pages or good starting points that should appear here*

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**ABACUS RADIO REPAIR**

Factory authorized service for: Kenwood, ICOM,  
Yaesu, Alinco, Amateur radio equipment.  
Call Jim Wiley, KL7CC (907) 338-0662

**Regular HAM Gatherings:**

\* **Tuesdays, 11:30 AM to 1:00 PM:** Join the gang for lunch and an eyeball QSO at the Royal Fork, "South, on Old Seward Highway.

**Saturdays, 7:30 AM:** Here is a great way to get started on the week-end come and meet with some of the locals and have a great breakfast at Phillips Restaurant, at the corner of Arctic and International. Great Fun.

**THIS MONTH'S EVENTS**

**February 2th: AARC general meeting at 7:00 PM 1<sup>st</sup>**  
Friday of the month in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.300. Presentation on HAM and new technology for the Iditarod by Clyde Raymer.

**February 6th: VE License Exam 6:30 PM,** 1st Tuesday of the month, it has been changed to **Hope Cottage** at 540 W International in the Board Room. Bring photo ID, copy of license (if any) and any certificates of completion.

**February 6th: EARS general meeting at 7:00 PM 1<sup>st</sup>**  
Tuesday of the month, in the basement of Denali Hall (building 31-270) on Elmendorf AFB. Talk in on 147.67/.07 repeater.

**February 9th: SCRC meeting at 7:00 PM** the 2<sup>nd</sup> Friday of the month at Denny's on Debarr & Bragaw. Talk in on 147.57 simplex.

**February 10th: VE License Exams at 2:00 PM.** 2<sup>nd</sup> Saturday of the month at Hope Cottage 540 W. International in the Board Room. Be sure to bring photo ID, copy of license (if any) and any certificates of completion.

**February 13th: AARC Board meeting at 7:00 PM 2<sup>nd</sup>**  
Tuesday of the month at **Hope Cottage** 540 W. International in the Board Room.

**February 1st & 15th: Moosehorn ARC general meeting at 7:00 PM** every other Thursday in the Soldotna Borough Offices on North Binkley. Talk in on 146.88 repeater or 147.42 simplex.

**February 17th: ARES Planning Committee 9:30 AM to 12:00 PM.** 3<sup>rd</sup> Saturday of the month. Will be held at Alyeska Building on Bragaw Street.

**February 17th: PARKA Meeting at 11:00 AM.** 3<sup>rd</sup> Saturday of the month at Peggy's, across from Merrill Field

**February 23rd: MARA meeting at 7PM** the last Friday of the month at the MTA Business Office in Palmer.

**Approximately March 24<sup>th</sup>: LEO Society:** Basic Satellite primer

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**FOR SALE:**

BUY, SALE, or TRADE: Two way radios of all kinds. Other related equipment, antennas, coax, mics, etc, scanners and computers too. I do it as a hobby, NOT for profit. Call Big Dan the Radio Man ( 907 ) 373-2569 or [dan@obarr.net](mailto:dan@obarr.net)

Amateur Radio related items will be listed for up to two months in the news letter. Items must be submitted at least two weeks prior to the meeting to make the news letter. Please advise the editor when an item is sold.

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**Heath and welfare**

**From:** [adawiseman@email.msn.com](mailto:adawiseman@email.msn.com)

**Sent:** Tuesday, January 09, 2001 5:56 PM

**Subject:** Benny in Seattle

Medical update for the old timers.... I had dinner with Lena and Chuck last night... was great. Chuck K7JUT and Lena



remain in good sprits in spite of all the uncertainties. The situation as we know it now is as follows. The cancer in Chuck's jaw area is a very rare cancer and not much is known about it. They are pretty certain radiation will help but there are two tumors in the brain. They do not know if the tumors are cancer or what the statuses of them are. He goes into Virginia Mason Tuesday morning to have more CAT scans. The machine is a brand new one and there is a hope the Dr's will be able to make some decisions. They cannot do the radiation on the jaw area until they know more about the brain tumors, radiation could make them worse. We shall keep you posted as news comes forth.

As for me. I go into the hospital Tuesday morning at 4:45 AM and should be out on Thursday morning around 11AM. I then will be chasing Sally with a gleam in my eye. The data so far for me looks GREAT. The research team found no sign of cancer outside of the prostate so things for me are very, very optimistic. Sally will send an update from the Hospital as soon as we are able after surgery.

Chuck, Lena, Sally, and I want to thank all of you folks that have expressed your concerns and prayers for us.

**This was forwarded to me to pass along to all interested Hams by Joe Hannigan, WL7M**

Senator Robin Taylor, R-Wrangell, has agreed to sponsor a bill, which will ensure that amateur radio operators will be able to install antennas to provide communications over long distances. The bill currently is being drafted and will soon be assigned a number. I ask you to co-sponsor Senator Taylor's Amateur Radio bill.

Long distance communication is critical when amateur radio operators provide emergency communications services, as we did after the 1962 Good Friday Earthquake (this should be 1964 ed), as well as other, more contemporary disasters. Most amateur radio operators have stations capable of running on emergency power, and therefore are able to provide communications in emergencies when other modes of communication, such as regular telephone and cell phone systems which may be destroyed by an earthquake or other disaster.

I have been a licensed amateur radio operator for 40 years, and have personally been involved with emergency service communications in disaster relief efforts on numerous occasions, ranging from recovery efforts following hurricanes and flooding, to search and rescue and coordinating ambulance responses to vehicle accidents in remote regions. Given the immense size of Alaska and the limited infrastructure in communications, this bill is vital to federally licensed amateur radio operators being able to serve the public.

On behalf of Alaska's amateur radio operators, I ask for your support. If you would like more information as to the necessity of this bill, I would be happy to provide you with whatever you may need.

Joe Hannigan, 907.235.8046 Colonel, USAF (Ret)  
Amateur Radio License WL7M Fritz Creek, Alaska

### **Volunteers needed for Klondike 400 Snow machine Race**

On Feb. 10th, Aurora International will also sponsor the Klondike 400 Snow machine Race, which may also need some volunteers. We will have more info on that one later. If you can help on either race, please contact Wayne Groomer KL7HHO by phone at 376-5604, 147.300 repeater, or any way you can.

### **More Iditarod communicators are still needed**

The Start in Anchorage needs communicators to help marshal the teams up to the chute, at points along the trail and at the VIP drop off. Contact John AA0NN Wolfe at [jwolfe@bigfoot.com](mailto:jwolfe@bigfoot.com) or 373-7880 to sign up. The Restart is headed up by Dan WL7BD O'Barr and they need more HAMs too. Email him at [dan@obarr.net](mailto:dan@obarr.net) or 373-2569

Communicators are also needed for headquarters and several trail positions. All trail communicators will need to volunteer to work in headquarters several days and to receive the training in Anchorage on February 3 or in Wasilla on February 4. This training will include practices and gear requirements for the trail as well as an introduction to the new technology that will be used in some locations. We need 1 or 2 tech or better at Rainy Pass and one General or higher at McGrath to relay traffic from Ophir and Eagle Island. Contact Mark KL7TQ at [kelliher@qci.net](mailto:kelliher@qci.net) or 694-3722

### **Great and Honorable Leo Society and mailing list**

The Leo Society will not be meeting again until the third week in March, after Dog Racing season. The program will be on "Basic LEO" primer. There is now a mailing list on Egroups.com ms named "gahleos". Feel free to subscribe so that you will receive notifications and to keep current on discussions.

**Satellite NEWS**  
**WL7BD Honored @ LEO Luncheon**  
**By: Gretchen, WL7IN**

The first LEO meeting for 2001 on January 13th started out with a great subject as Mike Sweeley, KL7AS, gave an excellent talk on SETI which included an awesome booklet he created. He almost got a standing ovation. Ed Cole, AL7EB, was also there and spoke briefly and answered questions. He



is the Alaska AMSAT Area Coordinator and the Alaska Rep for SETI. Ed also operates the only known Amateur Radio telescope for SETI in Alaska. He passed out SETI brochures and encouraged membership in AMSAT and The SETI League. Ed also announced that he has nominated Dan O'Barr, WL7BD, to be an Area Coordinator for AMSAT.

The honorable John Bury, KL7QZ, GaHLEOS President, (with the collusion of WL7IN) had a fun time "roasting" Big Dan. Fun stories of Dan's first radio experiences were recalled and John presented an official Certificate of Appreciation to Dan honoring him as the LEO Society Elmer for the year 2000.

Tom Stuart, KL0QQ, brought his Yaesu FT-817 for Show & Tell. He also suggested that the official name of the club be GaHLEOS. (Great and Honorable LEO Society) Tom has created a GaHLEOS web site at:  
<http://www.egroups.com/group/gahleos>

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(UNAPPROVED)

### **Anchorage Amateur Radio Club Special Board Meeting, January 23, 2001**

The AARC Special Board Meeting was held on Tuesday, January 23, 2001, at Hope Community Resources Administrative Building at 540 West International Airport Way. President John Orella, KL7LL, opened the meeting at 7:13 p.m. The following officers were in attendance: President John Orella, KL7LL, Vice-President Randy Vallee, AL7PJ, Secretary Keith Clark, WL7CSR, Treasurer Richard Block, KL7RLB, Activities Manager T.J. Sheffield, KL7TS, and Past-President John Lynn, KL7CY. The following Board Members were in attendance: Hannelore Kelliher, NL7EA, Mike Borer, WL7CKB, Jim Tvrdy, KL7CDG, Bill Reiter, KL7ITI, David Stevens, KL7EB, and Bruce McCormick, WL7YR, Will Theuer, KLØQK. AARC club member and VEC Chairman Jim Wiley, KL7CC were also present.

Minutes from the 1-09-01 Board Meeting were available but will not be voted on until the next regular Board Meeting.

The floor was opened for Treasurer Richard Block, KL7RLB to to present budget information. Secretary Keith Clark, WL7CSR interrupted to note that the By-Laws in fact did stipulate a budget year from January 1 through December 31. After some discussion, Bill Reiter, KL7ITI, made a motion to authorize the Treasurer to work with the accountant and the IRS to change our fiscal year to reflect the terms stated in our By-Laws. The motion was seconded by John Lynn, KL7CY, and was passed by a unanimous vote of the Board.

Bill, KL7ITI then noted that he followed up on his project from the last Board meeting. He contacted a couple of long term members to see what they remembered about a building

fund, but neither could remember any information. It was noted that we have \$7000.00 in said fund.

Secretary Richard, KL7RLB, then proceeded with a hand-out for the Board to review. The data covered the last 18 months and he noted was accurate, but was only prepared based on the six months through June. After the earlier discussion about the budget year, the Board was advised to multiply the figures by a factor of two. After some discussion, Bill Reiter, KL7ITI moved to accept the line item budget as presented multiplied by a factor of two. It was seconded by Mike Borer, WL7CKB and passed unanimously.

Richard, KL7RLB, then asked the Board to consider a Resolution to clarify the criteria for the Treasurer to use to satisfy the expenses of the Club. (Copy is attached and made a part of these minutes) After discussion, Bruce McCormick, WL7YR, made a motion to accept the Resolution as presented. It was seconded by Will Theuer, KLØQK, and passed unanimously. It was suggested that for record keeping purposes that the Board number the Resolution 2001-01 and everyone agreed.

A short recess was called.

President John, KL7LL, advised the Board that Jim Larsen, AL7FS, who has volunteered to join the Board as Vice-President at the time that he, John, resigns as President, contacted him. John, KL7CY, made a motion to place a vote before the General membership at the next meeting to accept Randy Vallee, AL7PJ, as President, and Jim Larsen, AL7FS, as Vice-President. It was seconded by Bill Reiter, KL7ITI, and passed unanimously.

John, KL7CY, then presented a recommendation concerning disbursement of the remaining FY 1999 gaming funds to the Board for approval. After some discussion, Mike Borer, WL7CKB made a motion to send the recommendation forward, with one correction to terminology, to the General membership for approval. The motion was seconded by Jim Tvrdy, KL7CDG and was passed unanimously.

There was then some additional discussion about an item on John's recommendation (for an appropriation for the Girl Scouts). Richard, KL7RLB then opened a discussion about establishing a standing committee to review grants requests and suggested that we deal with the issue as a formal agenda item at the next Board meeting. All present agreed that it was a good idea.

There being no further business, Randy Vallee, AL7PJ, made a motion to adjourn, it was seconded by Jim Tvrdy, KL7CDG. The meeting was adjourned, on time, at 8:59 p.m. Submitted by H. Keith Clark, WL7CSR, Secretary



## SUNSAT NOW ALSO OFFERS DIGITAL SERVICES TO RADIO AMATEURS

The Sunsat Oscar-35 micro satellite was developed at the University of Stellenbosch, South Africa, between 1992 and 1998. On 23 February 1999 it was launched from the Vandenberg AFB, California, by a Delta II rocket.

Since 30 June 1999 Sunsat has provided a Mode B repeater during weekends, for the benefit of radio amateurs across the world. A Mode J repeater or VHF parrot repeater is also scheduled for special events. An improvement in the power budget, caused by the changing sun angle, recently led to the extension of repeater passes to weekdays when other mission objectives permits this.

Extremely successful tests of digital services, which can be active concurrently, were completed recently. Sincere thanks to WB4APR for his lion's share in the testing process. WB3ANQ, N7SFI, KB2WQM, KB0VBZ, N5ZNL, N4QWF, N3KTP and VK3JFK made exceptional contributions.

Apart from the voice repeaters, the following services will be scheduled in future: \* When the orbit permits the acquisition of high resolution images, image data will be broadcast in an unconnected AX.25 data stream across the world. Radio amateurs can collect data in KISS format and merge it via the Internet. This process will reduce the download times of the 50-MB images considerably. Satellite operators with PACSAT stations are invited to join this project. Visit Sunsat's web page, <http://sunsat.ec.sun.ac.za/index.html>, for more information. \* Periodic announcements, bulletins, status information and calibrated telemetry will be transmitted as unconnected AX.25 packets, to be displayed in human readable format by terminal software. \* Digipeating of unconnected AX.25 packets will be activated. It could, for example, be used for relaying low bandwidth APRS data. These services will be enabled for all non-voice passes over Dayton, in the USA, during their annual Hamvention from 19 to 21 May. During the next few weeks the schedule is to be extended to a continuous service, except for when the voice repeater is active.

For South Africa, the Sunsat control station will use week-day/night passes. On weekends, the voice repeater will operate as at present. Typically one pass per day will be used for control purposes. On remaining weekend passes, digital services will be active. Schedules are published on the Sunsat web page.

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### APRS Satellite Tracking

By: Bob Bruninga [bruninga@usna.edu](mailto:bruninga@usna.edu)

We now have 4 satellites in Orbit capable of digipeating APRS. SO-35 SUNSAT - Operational now on all passes (except voice) UO-22 UOSAT5 - Operational now on all

passes OO-38 OPAL - Supposedly operational, but unconfirmed ISS - Awaiting activation These satellites can report their moving APRS positions to everyone in the footprint if we have just a few dedicated Ground Tracking stations uplinking their posits to them in real time.

I need one volunteer in each 1500 mile radius footprint worldwide willing to run a full-time (automatic) APRS Satellite station. A simple OMNI vertical antenna, and 386 (dos) PC plus FM radio is all that is needed: Serve all 4 satellites: D7 or D700 Serve SUNSAT or ISS: any 1200 baud TNC and 2m FM Radio Serve UO-22 or OPAL: any 9600 baud TNC and 2m/70cm FM Radio

If you have a D7/D700, then your station will be fully automatic and your station will auto-tune all 9 FM satellites for your listening pleasure including the voice FM birds. In addition you will uplink posits for the 4 digipeating ones above. If you do not have a D7/D700, then you can leave a TNC/FM rig dedicated to one satellite only. This may become very important for ISS! I will operate my station for the Northeast USA. I need someone in Florida, Washington State, San Diego, Alaska, Hawaii, Japan, S. America, S. Africa, Middle East, UK, Eastern Europe, Spain, Australia, etc We should not overlap, so this does require commitment and coordination. de WB4APR@amsat.org, Bob See my APRS LIVE pages  
<http://web.usna.navy.mil/~bruninga/aprs.html> See APRS SATELLITES  
<http://web.usna.navy.mil/~bruninga/astars.html> See MIM/Mic-E/Mic-Lite  
<http://www.toad.net/~wclement/mim2.htm>

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**Telecommunications in Australia..**  
**From VK3LCW**

Derived from the Greek word 'tele' which meant distance, telecommunications refers to communications over distance by radio, telegraph, cable, telephone television and satellite. Telecommunications have been extremely important in overcoming the vast distances of the Australian continent. In 1854 the first telegraph line was opened, between Williamstown and Melbourne in Victoria. Prior to this time messages and information had to be conveyed by messenger on horseback, or from 1809 onwards by mail, transported by horse and carriage or riverboat.

The first telegraph links were soon established between then eastern colonies: between Adelaide, Melbourne and Sydney in 1861. The first submarine telegraph cables was laid, linking Tasmania to the mainland in 1859. The vast expanse of harsh desert separating Western Australia from the other colonies was a barrier to the development of communications until 1877 when the Perth - Adelaide telegraph line opened. Another mammoth task was the construction of the 'Overland Telegraph Line' from Adelaide to Darwin. Completed in



1872, this line connected with a submarine cable to Java, putting Australia in communication with the rest of the world.

Telegraphs could now pass in a matter of hours between Australian colonies and England.

In 1878 came the telephone. Many Australian enthusiasts, guided by an article by Alexander Graham Bell giving details of his telephone, set to work constructing their own instruments. In that year, the first long-distance telephone conversations took place between Semaphore and Port Augusta, South Australia, a distance of 386 Km. In 1880 only two years after the world's first exchange was built in Connecticut USA, telephone exchanges were opened in Melbourne, Sydney and Brisbane. Exchanges were opened in Adelaide, Hobart and Launceston in 1883 and in Perth in 1887. Exchanges began to convert from manual to automatic operations from 1912 onwards.

With Federation on 1901 the 'Post and Telegraph Act' placed all postal and telecommunications services under the control of the new Commonwealth Government through the federal department of the Postmaster General (PMG).

The post-war period has seen the introduction of an ever-increasing range of technologies in what has been labeled a 'technological revolution'. In 1954 the country's first Teleprinter Exchange Service (telex) opened in Melbourne and Sydney. The fully automatic service was gradually linked to overseas countries after 1966. Television also made its debut in Australia in the post-war period.

The then Overseas Telecommunications Commission (OTC) was established in 1946 with responsibility for the establishment, maintenance and development of telecommunications between Australia and overseas countries. It operated telex, facsimile transmissions, overseas telephone links and television broadcasts, through such means as cable and satellites. Through OTC, Australia is a shareholder in the International Telecommunications Satellite Organization (INTELSAT) which operates over India, Pacific and Atlantic Oceans. OTC was also involved in the establishment of the International Maritime Satellite Organization (INMARSAT) which since 1982 has provided a satellite communications system for ships at sea and for rescue and distress operations. OTC holds interest in a number of submarine cables, including the Tasmania linking Sydney and Auckland (NZ) which opened in 1976.

The information provided above is correct as of 1986. Since then there have been many changes to government agencies along with their associated responsibilities. The above is just a brief history of telecommunication within Australia which I found interesting.

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## William I. "Bill" Orr, W6SAI SK

Amateur Radio legend William I. "Bill" Orr, W6SAI, of Menlo Park, California, died in his sleep January 24. He was 81. An ARRL member, Orr was best known for his numerous amateur radio books and reference works, many aimed at beginners. His titles include The Radio Handbook, The Beam Antenna Handbook, The Quad Antenna Handbook, The VHF-UHF Manual and The W6SAI HF Antenna Handbook, some written in collaboration with Stu Cowan, W2LX.

Licensed in 1934 at age 15 as W2HCE in New York, Orr graduated in electrical engineering from the University of California in the early 1940s.

In his younger years, Orr was a well-known DXer and DXCC Honor Roll member. He also was involved in DXpeditions to various exotic locations, including St Pierre and Miquelon and Monaco, among other locales.

From the 1940s through the 1980s, Orr was a frequent contributor to QST, writing about tube-type amplifiers, Project OSCAR, and other topics. Orr constructed some of the amplifiers once used at ARRL Maxim Memorial Station W1AW.

For many years Orr worked with tube manufacturer EIMAC. Orr's application notes for EIMAC products were favorite reading within the amateur community. In later years, Orr penned columns for Ham Radio magazine and, more recently, for CQ.

In 1996, Orr was named the Dayton Hamvention Technical Excellence award winner.

Chip Margelli, K7JA, of Yaesu, said Orr's readers always could build his projects knowing that Orr had tested them in the field first to be sure they worked.

Long-time friend Willard "Tiff" Tiffany, W6GNX, said Orr had a knack for making technical topics easy to follow and understand. He remembered Orr as "a friendly, helpful guy who wrote from the heart because he enjoyed doing it."

Another friend, Marv Gonsior, W6FR, says Orr "had a great sense of humor, a lot of wit about him."

Orr owned a condominium in Maui, Hawaii, and operated from there two or three times a year as KH6ADR.

Orr's wife, Sunny, died about five years ago, and he lived alone. Four daughters and a son survive him. Arrangements are incomplete at this time.

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## HAM CLASSES

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Okay, all of you folks out there who have been calling and asking us about when we are going to start our next amateur radio classes! How many of you are now looking to upgrade your license and/or get that code now that the requirements, particularly the code requirements, have been made easier?

This is the time to start thinking about that upgrade, if you have not done so already.

How many others have spouses, relatives, or friends who now think that they would like to get their amateur radio licenses? Now is the time to get them started on that license.

Rick Marvin KL7YF, and his wife Lil Marvin NL7DL, will begin their next amateur radio classes in the first week of April. The exact days and times will be announced at a later date. The classes will run for approximately eight weeks. The location will be the second floor of the Ann Stevens Red Cross Building, 235 E. 8th Avenue, on the corner of 8th and Cordova, across the street from the cemetery.

Rick will be teaching the theory, rules and regulations and proper operating procedure.

He likes to give demonstrations, and will have the students actually set up a radio station, complete with antenna, and ready to operate. Students will actually be given an opportunity to handle a microphone and radio and to transmit in the presence of their teacher.

Lil will teach the Morse code. They will be expected to learn all 26 letters of the alphabet, numbers 0 through 9, period, question mark, comma, slant bar and some amateur radio prosigns.

Students will also get to do some of the sending once they have learned the code well enough. She likes to make the code interesting by sending jokes and one-liners, and by having the students do the same.

It is not too early to start working on getting that license now, particularly for those who are getting the code. We have the study materials available, which you may purchase through our representative or us. If you are interested in getting or upgrading your license, or know someone else who is, then contact Rick or Lil Marvin at 277-6741, or email them at [rlment@alaska.net](mailto:rlment@alaska.net). We will keep you informed as we get closer to the April date. We will be on vacation from February 5, 2001 to March 17, 2001. During this time, please contact David "Cowboy" Boynton, our representative, for information on classes and obtaining materials. He will be our housesitter and can be contacted at the phone number and email listed above in the evening.

Lil Marvin NL7DL



**Anchorage Amateur Radio Club, Inc**

Post Office Box 101987

Anchorage, Alaska 99510-1987

PRSRT STD

XXXXXX

U.S. Postage

PAID

Anchorage, AK

Permit No. 223

Keith Clark

WL7CSR

2871 Knik Ave

Anchorage AK 99517-1203

|||||



NOT MUCH USE RIGGING HER FOR MARITIME MOBILE,  
NOAH--- WEATHER REPORT SAYS THE REST OF THE OPS  
ARE GOING TO BE RAINED OUT